

September 15, 2019 5:50AM: High Algae at Edgewater Beach

At about 5:50AM on September 15th the values for blue green algae and chlorophyll at Edgewater Beach spiked suddenly and stayed high for most of the day. 24 hours later the value for blue green algae has gone down but is still elevated.

Alert Screen from Incident on GLDW

The screenshot shows a web browser window displaying the GLDW (Great Lakes Data Watch) alert screen. The browser address bar shows the URL: `gldw.org/alert-detail?Category=HighAlgae&Severity=3&Summary=High%20Algae%20Levels%20with%20BGA-PC%20of%2044.0%20and%20Chlorophyll%20of%20315.6`. The page title is "HighAlgae Alert".

High Algae Alert

High Algae Levels with BGA-PC of 44.0 and Chlorophyll of 315.6 at EdgewaterPark

Alert Time	09-15-2019 07:41:56	
Intervention	Go to VDAB Intervention Flow (UNDER DEVELOPMENT)	
Location	41.488285 -81.740962	
Details	HABData.Temperature (C)	21.0
	HABData.Sp Cond (mS/cm)	0.27
	HABData.Conductivity (mS/cm)	0.25
	HABData.pH	7.71
	HABData.Turbidity (NTU)	1781.86
	HABData.ODOSat	2.9
	HABData.ODO (mg/L)	0.26
	HABData.Chlorophyll (ug/L)	315.6
	HABData.BGA-PC (ug/L)	44.0
HABData.Path	EdgewaterPark	

Below the table is a map showing the location of the alert. The map is a satellite view of the Cleveland area, with a red pin indicating the location of EdgewaterPark. The map includes labels for various locations such as Bay Village, Rocky River, Lakewood, Cleveland, and Shaker Heights. The map also shows major roads and the city of Cleveland.

On the right side of the screen, there is a section titled "Upcoming Events" which includes a "GLDW Overview" for September 27 @ 10:00 am - 11:00 am, and a "View All Events" link. Below this is a section titled "Great Lakes Alerts" which lists several alerts with their times and locations, including "High Algae Levels with BGA-PC of 44.0 and Chlorophyll of 315.6 at EdgewaterPark" and "High water flow (98.25) at ROOT RIVER AT RACINE WI".

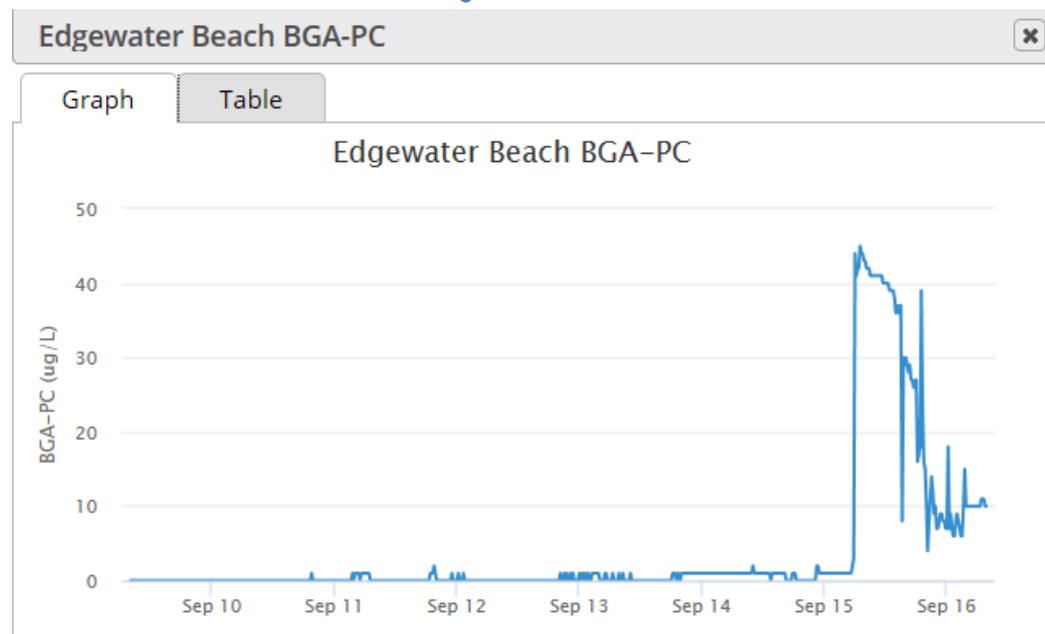
Values on September 15th from GLDW

	Sp Cond (mS/cm)	BGA-PC (ug/L)	ODO (mg/L)	Turbidity (NTU)	Temperature (C)	Chlorophyll (ug/L)	pH	ODOSat (%)
05:14 EDT	0.28000	1.0000	0.22000	1779.3	21.400	11.300	7.8700	2.5000
05:29 EDT	0.28000	2.0000	0.23000	1787.9	21.280	12.400	7.8100	2.6000
05:44 EDT	0.28000	3.0000	0.43000	1788.3	21.160	24.900	7.7400	4.9000
05:59 EDT	0.27000	44.000	1.4600	1784.7	20.900	180.20	7.6100	16.300
06:15 EDT	0.27000	41.000	1.5400	1783.6	20.790	170.00	7.5600	17.200
06:29 EDT	0.27000	42.000	0.43000	1781.4	20.810	170.30	7.6000	4.8000
06:44 EDT	0.27000	42.000	0.22000	1785.7	20.860	178.40	7.6600	2.4000
06:59 EDT	0.27000	45.000	0.21000	1781.7	20.910	304.20	7.7100	2.3000
07:14 EDT	0.27000	44.000	0.24000	1783.9	20.940	311.10	7.7000	2.7000
07:29 EDT	0.27000	44.000	0.26000	1781.9	21.000	315.60	7.7100	2.9000

Values on September 16th from GLDW

	Sp Cond (mS/cm)	BGA-PC (ug/L)	ODO (mg/L)	Turbidity (NTU)	Temperature (C)	Chlorophyll (ug/L)	pH	ODOSat (%)
05:14 EDT	0.35000	10.000	0.31000	1457.7	22.080	300.80	7.7200	3.6000
05:29 EDT	0.35000	10.000	0.28000	1452.8	22.060	297.50	7.7400	3.2000
05:44 EDT	0.35000	10.000	0.36000	1449.2	22.040	293.50	7.7100	4.1000
05:59 EDT	0.35000	10.000	0.21000	1446.5	22.010	293.90	7.7000	2.4000
06:14 EDT	0.35000	10.000	0.20000	1442.2	21.990	296.90	7.7200	2.3000
06:29 EDT	0.35000	10.000	0.20000	1435.7	21.960	301.30	7.7200	2.3000
06:45 EDT	0.35000	11.000	0.20000	1430.3	21.940	306.30	7.7500	2.3000
06:59 EDT	0.35000	11.000	0.20000	1425.0	21.910	303.90	7.6800	2.2000
07:14 EDT	0.35000	11.000	0.20000	1421.3	21.900	292.70	7.7600	2.3000
07:29 EDT	0.36000	10.000	0.44000	1415.7	21.870	275.70	7.7500	5.0000

Historical BGA data from WQDataLive website



Historical Chlorophyll data from WQDataLive website

